

UNIT 7

Exponents

SECTION	TARGET(S)	TITLE	HOMEWORK/PROBLEMS
7.2 day 1	7A	Multiplying Powers (Integers)	7.2 day 1 worksheet
7.2 day 2	7A	Multiplying Powers (Rational)	7.2 day 2 worksheet
7.3	7B	Multiplying Properties	7.3 worksheet
Review	7A-7B	7.2 & 7.3	7.2 & 7.3 Review Worksheet
QUIZ	7A-7B	7.2 & 7.3	Worksheet
7.4	7C	Division Properties	7.4 worksheet
7.1 day 1	7D	Zero/Negative Powers (Simplify)	7.1 day 1 worksheet
7.1 day 2	7D	Zero/Negative Powers (Evaluate)	7.1 day 2 worksheet
Review	7A-7E	7.1-7.4	Unit 7 Review Packet
TEST	7A-7E	Unit 7	None ☺

**This schedule is tentative and is subject to change.

Remember all late work is due by the day of the unit test!

Q: Why wont Goldilocks drink a glass of water
with 8 pieces of ice in it?

A: It's too cubed

**EXPONENTS
ARE NUMBER
3924⁰!**

UNIT 7

For each target, rate yourself on how well you know the target.

- 1) I've never seen this topic before and wouldn't even know how to begin.
- 2) I've heard or seen this before, but don't know how to start or complete the problem
- 3) I know the topic and can work through the problem but am unsure whether I am correct.
- 4) I feel comfortable that I could present my work and solution to the class.
- 5) I feel that I could correctly teach this topic to another student if asked.

By the end of this unit, you should be able to:

Section	Target/Skill/Objective	Example	1	2	3	4	5
7.2	7A Be able to use the properties of multiplying powers with the same base.	<i>Simplify the following:</i> $2^4 \cdot 2^6 \cdot 2^2$					
7.3	7B Be able to simplify and solve powers to a power.	<i>Simplify the following:</i> $(k^{\frac{4}{3}})^3$					
7.4	7C Be able to use the properties of dividing powers with the same base.	<i>Simplify the following:</i> $\frac{x^6 y^9}{x^2 y^5}$					
7.1	7D Be able to apply properties of zero and negative exponents.	<i>Simplify the following:</i> $\left(\frac{4x^3}{8x^{-2}}\right)^0$					